Index of Claims

09/593,107

Examiner

Tammy T Nguyen

Application No. Applicant(s)

09/593,107 KAWAMOTO ET AL.

Examiner Art Unit

Rejected - (Through numeral)
Cancelled

+ Restricted

N Non-Elected

I Interference

A Appeal
O Objected

2144

|          |  | _                                     |                |                                       |          |          | •            |          |          |                 |
|----------|--|---------------------------------------|----------------|---------------------------------------|----------|----------|--------------|----------|----------|-----------------|
| Cla      | im   | im Date                               |                |                                       |          |          |              |          |          |                 |
| Final    | Original   | 9/22/04                               | 7/20/05        | 2/2/06                                |          |          |              |          |          |                 |
|          | 1  | 1                                     | 1              | 1                                     | H        |          |              |          |          | П               |
|          | 1<br>2<br>3<br>4<br>5                              | 1                                     | 1              | 1                                     |          |          |              |          |          |                 |
|          | 3  | 1                                     | 1              | 1                                     |          |          |              |          |          |                 |
|          | 4  | 1                                     | 1              | 4                                     |          |          |              |          |          |                 |
|          | 5  | 1                                     | ٧.             | 1                                     |          |          |              |          |          | Ш               |
| <u> </u> | 6  | V                                     | ٧              | V                                     | _        | _        | Ш            | _        | <u> </u> | Н               |
|          | 7 8  | J                                     | V              | 7                                     | H        | -        |              |          | $\vdash$ | Н               |
|          | 9  | J                                     | J              | 7                                     | -        | $\vdash$ | -            | -        | -        | Н               |
|          | 10   | 1                                     | V              | 7                                     | $\vdash$ |          | $\vdash$     |          |          | Н               |
|          | 11   | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | ファファファファファファファ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | Г        | Г        | Г            | П        |          |                 |
|          | 12   | V                                     | 1              | 1                                     |          |          |              |          |          |                 |
|          | 13   | V                                     | V              | V                                     |          |          |              |          |          | Ш               |
| <u> </u> | 14   | 1                                     | 1              | 1                                     | _        | <u> </u> | <u> </u>     | _        |          | Ш               |
| <u> </u> | 11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19 | 1                                     | ٧              | ۷.                                    | -        | -        | $\vdash$     | L        |          | $\vdash \vdash$ |
| <u> </u> | 17   | ⊢                                     | -              |                                       | H        | H        | $\vdash$     | -        | $\vdash$ | $\vdash$        |
|          | 18   |                                       | ┢              | _                                     |          | -        | H            | $\vdash$ | ┢        | $\dashv$        |
|          | 19   |                                       | H              | $\vdash$                              | -        | $\vdash$ |              |          | -        | H               |
|          | 20   |                                       | <u> </u>       |                                       |          | ┪        |              |          |          |                 |
|          | 21<br>22   |                                       |                |                                       |          |          |              |          |          |                 |
|          | 22   |                                       |                |                                       |          |          |              | <u> </u> | L.       | Ш               |
|          | 23<br>24<br>25                                     | L                                     | ļ              | <u> </u>                              | _        | <u> </u> | _            | <u> </u> | ļ        | Щ               |
|          | 24   | <u> </u>                              | -              |                                       | <u> </u> | <u> </u> |              | ⊢        | -        | $\dashv$        |
|          | 25   | ⊢                                     | -              |                                       |          | ⊢        |              |          | $\vdash$ | Н               |
| _        | 26<br>27<br>28                                     | $\vdash$                              | $\vdash$       | ┝                                     | ┢        | ┝        | <del> </del> |          | $\vdash$ | Н               |
|          | 28   | H                                     |                | ┢                                     | 一        | ┢        | -            | -        |          | П               |
|          | 29   | Ħ                                     |                |                                       |          |          |              |          |          |                 |
|          | 29<br>30   |                                       |                |                                       |          |          |              |          |          |                 |
|          | 31<br>32<br>33                                     |                                       |                |                                       |          | <u> </u> |              |          |          |                 |
|          | 32   | L.                                    |                |                                       | _        |          | <u> </u>     |          | <u> </u> |                 |
| ļ        | 33   | $\vdash$                              | $\vdash$       |                                       | <b>├</b> | ├-       | ⊢            | $\vdash$ | $\vdash$ | Ц               |
|          | 34<br>35   | ┝                                     | -              |                                       | ⊢        |          | ├            | -        | ⊢        | $\dashv$        |
|          | 36   | +-                                    | $\vdash$       | $\vdash$                              | ┢        | -        | $\vdash$     | $\vdash$ | -        | H               |
|          | 36<br>37   | 1                                     | $\vdash$       |                                       | t        | H        | T            | -        | _        | $\dashv$        |
|          | 38   | T                                     |                |                                       | Т        |          |              |          | Т        | П               |
|          | 39   |                                       |                |                                       |          |          |              |          |          |                 |
|          | 40   |                                       |                |                                       |          |          |              |          |          |                 |
|          | 41   | <u> </u>                              | _              | _                                     | <u> </u> | <u> </u> | <u> </u>     | <u> </u> | _        | Щ               |
|          | 42   | <del> </del>                          | _              | $\vdash$                              | $\vdash$ | $\vdash$ | -            | <u> </u> | -        | $\vdash \vdash$ |
|          | 43   | <del> </del>                          | $\vdash$       | <u> </u>                              |          | -        | ┢            | ├-       | -        | $\vdash\vdash$  |
|          | 45   |                                       | $\vdash$       | -                                     | -        | -        | $\vdash$     | $\vdash$ | $\vdash$ | Н               |
|          | 46   | H                                     |                | $\vdash$                              |          | H        |              | $\vdash$ |          | H               |
|          | 47   | T                                     | T              |                                       | T        | $\vdash$ |              | $\vdash$ |          | Н               |
|          | 48   | L                                     |                |                                       |          |          |              |          |          |                 |
|          | 49   |                                       | 匚              |                                       |          |          |              |          |          | П               |
| <u> </u> | 50   | L.                                    | <u>L.</u>      |                                       |          |          | L_           | L_       | L        | Ш               |

| Cla      | im            | Date   |  |  |  |  |  |  |          |              |  |  |
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| क        | ina i         |  |  |  |  |  |  |  |          |              |  |  |
| Final    | Original      |  |  |  |  |  |  |  |          |              |  |  |
|          | 0             |  |  |  |  |  |  |  |          |              |  |  |
|          | 51            |  |  |  | $\vdash$   |  |  |  | -        |              |  |  |
|          | 52            | ┢╌   | -  |  | Н  |  | -  |  | _        |              |  |  |
|          | 53            | $\vdash$   |  |  |  |  |  |  | П        |              |  |  |
| <b>-</b> | 54            | H  |  |  |  |  |  |  |          |              |  |  |
|          | 55_           |  |  |  | Н  | _  |  |  | _        |              |  |  |
|          | 56            | $\vdash$   |  |  | Н  |  |  |  | _        | _            |  |  |
| <b>—</b> | 57            | $\vdash$   | _  | _  | Н  | _  |  |  | -        |              |  |  |
| <b></b>  | 58            |  |  |  | П  |  |  |  |          |              |  |  |
|          | 59            | Н  |  | -  | _  |  |  |  |          | _            |  |  |
| <b>—</b> | 60            | Н  |  | 一  | -  |  |  |  |          | _            |  |  |
| -        | 61            | -  |  |  |  |  |  |  |          |              |  |  |
| _        | 62            | Н  | $\vdash$   | $\vdash$   | _  | _  |  | $\vdash$   |          | _            |  |  |
| 1        | 63            | _  | $\vdash$   | $\vdash$   | $\vdash$   |  | $\vdash$   | Н  | $\vdash$ | $\vdash$     |  |  |
|          | 64            |  | $\vdash$   | _  | _  |  | _  | -  |          | ┢            |  |  |
| <b> </b> | 65            | <del>                                     </del> | $\vdash$   | T  | $\vdash$   | -  | -  |  | $\vdash$ | Н            |  |  |
|          | 66            | H  | $\vdash$   |  | -  |  |  |  |          | $\vdash$     |  |  |
| -        | 67            | -  | <del>                                     </del> | ┢  | <del>                                     </del> | _  | -  |  |          | $\vdash$     |  |  |
|          | 68            | -  | ┝  | ┢  | -  |  |  | -  |          | -            |  |  |
|          | 69            | -  | <del> </del>                                     | $\vdash$   | $\vdash$   |  |  | _  | Н        | $\vdash$     |  |  |
|          | 70            | $\vdash$   | $\vdash$   | $\vdash$   | -  | Н  |  | -  |          | ┢            |  |  |
|          | 71            | -  | -  | <del>                                     </del> |  | $\vdash$   | -  | -  |          | $\vdash$     |  |  |
|          | 72            | -  | $\vdash$   | ╁─   | $\vdash$   | -  | ┢  |  | $\vdash$ | ┝            |  |  |
|          | 73            | $\vdash$   | $\vdash$   | $\vdash$   | -  |  | $\vdash$   | H  | ┝        | ├            |  |  |
| -        | 74            | H  | $\vdash$   | ┢  |  |  | $\vdash$   | -  |          | H            |  |  |
|          | 75            | $\vdash$   | -  | ┢  | $\vdash$   | -  |  | ┢  | $\vdash$ | $\vdash$     |  |  |
| -        | 76            | ┢  | -  | ┢╌   | Н  |  | -  | _  | Н        | Н            |  |  |
|          | 77            | $\vdash$   | -  | ┢  |  | -  | -  | Т  | $\vdash$ | Н            |  |  |
| -        | 78            | ┢  | <del>                                     </del> | $\vdash$   | $\vdash$   | -  |  | $\vdash$   | $\vdash$ | ┢            |  |  |
|          | 79            | -  | H  | $\vdash$   | ┢  | ┝  | ┢  | Т  | $\vdash$ | ┢            |  |  |
| -        | 80            | ┢  |  | H  |  | $\vdash$   | $\vdash$   | Н  | -        | ┝            |  |  |
|          | 81            | -  | $\vdash$   | $\vdash$   | ╁  | $\vdash$   | -  | _  | -        | -            |  |  |
| -        | 82            | ├  | -  | H  | ┢  | ┢  |  | Ι  | H        |              |  |  |
| -        | 83            | H  | H  | $\vdash$   | ┢  | $\vdash$   |  | $\vdash$   | -        | $\vdash$     |  |  |
|          | 84            | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | -  |          | $\vdash$     |  |  |
|          | 85            | -  | -  | $\vdash$   | H  | -  | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$     |  |  |
| <b>—</b> | 86            | <u> </u>   | <u> </u>   | H  | Н  | $\vdash$   | H  | $\vdash$   |          | $\vdash$     |  |  |
|          | 87            | $\vdash$   | T  | $\vdash$   |  | $\vdash$   | Т  | $\vdash$   |          |              |  |  |
| -        | 88            | T  | T  | $\vdash$   | 1  | $\vdash$   | <del>                                     </del> | _  |          |              |  |  |
| -        | 89            | $\vdash$   |  | Т  | $\vdash$   | $\vdash$   |  | $\vdash$   | <u> </u> | $\vdash$     |  |  |
|          | 90            | $\vdash$   | <del>                                     </del> | T  |  | $\vdash$   | _  |  | $\vdash$ | $\vdash$     |  |  |
|          | 91            | t  | $\vdash$   | <u> </u>   | T  | $\vdash$   | _  | <del>                                     </del> | $\vdash$ | <del> </del> |  |  |
|          | 92            | Т  | $\vdash$   | T  |  |  |  | _  | _        | t            |  |  |
|          | 93            | T  | H  | T  | Т  | <del>                                     </del> | $\vdash$   | $\vdash$   | ┢        | $\vdash$     |  |  |
|          | 94            | Ι-   | T  | Т  | $\vdash$   | Г  |  | $\vdash$   | Г        | Г            |  |  |
|          | 95            | <del>                                     </del> | t  |  |  | _  | _  | Г  | $\vdash$ |              |  |  |
|          | 96            | Г  | Т  | Г  |  | Г  | <u> </u>   | $\vdash$   |          | $\vdash$     |  |  |
|          | 97            | $\vdash$   |  |  | T  | "  |  | <u> </u>   |          | Г            |  |  |
|          | 98            |  |  | _  | T  | Г  | <del>                                     </del> | Γ  | Г        | Г            |  |  |
|          | 99            | 1  | Г  |  | Г  | T  |  | Г  |          | Г            |  |  |
|          | + <del></del> | -  | +-   |  | <del>-</del>                                     | $\vdash$   | -  | -  | _        | _            |  |  |

100

| Claim |  | Data     |          |          |                   |              |          |                                     |          |  |  |
|-------|--|----------|----------|----------|-------------------|--------------|----------|-------------------------------------|----------|--|--|
| Cli   | aim                                    | Щ        |          |          |                   | Date         | -        |                                     | _        | $\dashv$   |  |
| Final | Original                               |          |          |          |                   |              |          |                                     |          |  |  |
|       | 101                                    |          |          |          |                   |              |          |                                     |          |  |  |
|       | 102                                    |          |          |          |                   |              |          |                                     |          | Ш  |  |
|       | 103<br>104                             |          |          |          |                   |              |          |                                     |          | Ш  |  |
|       | 104                                    | Ш        |          |          |                   |              |          |                                     |          | Ш  |  |
|       | 105                                    | Щ        |          |          |                   |              |          |                                     |          | Н  |  |
|       | 106                                    | Н        |          |          |                   |              |          |                                     | _        | Н  |  |
|       | 107                                    | H        |          |          |                   |              |          |                                     |          | $\dashv$   |  |
|       | 108<br>109                             | -        |          | -        |                   |              | -        |                                     |          | $\dashv$   |  |
|       | 110                                    | Н        |          | -        | _                 | -            |          |                                     |          | H  |  |
|       | 111                                    | $\vdash$ | $\vdash$ | _        | -                 |              |          |                                     |          | H  |  |
|       | 111<br>112                             | $\vdash$ |          |          |                   |              |          |                                     |          |  |  |
|       | 113<br>114<br>115                      |          |          |          |                   |              |          |                                     |          |  |  |
|       | 114                                    |          |          |          |                   |              |          |                                     |          |  |  |
|       | 115                                    |          |          |          |                   |              |          |                                     |          |  |  |
|       | 116<br>117                             |          |          |          |                   |              |          |                                     |          | Ш  |  |
|       | 117                                    | Ь.       |          | _        |                   |              | _        |                                     |          | Ш  |  |
|       | 118                                    |          |          |          |                   | ļ            |          |                                     |          | Ш  |  |
|       | 119<br>120                             | <u> </u> |          |          | _                 | _            |          |                                     |          | Н  |  |
|       | 120                                    | _        |          |          | _                 | _            | _        | _                                   | _        | Ш  |  |
|       | 121                                    |          |          |          | -                 |              | _        |                                     | -        | Н  |  |
|       | 122                                    |          |          |          | -                 | -            | _        |                                     | -        | Н  |  |
|       | 123                                    |          | -        |          | $\vdash$          | ├            | ┝        |                                     |          | H  |  |
|       | 121<br>122<br>123<br>124<br>125<br>126 | -        |          |          |                   | $\vdash$     | -        |                                     |          | H  |  |
|       | 126                                    |          | _        |          | _                 | -            | _        |                                     |          | Н  |  |
|       | 127                                    | _        |          |          |                   | -            |          |                                     |          | П  |  |
|       | 127<br>128<br>129                      |          |          |          |                   |              |          |                                     |          |  |  |
|       | 129                                    |          |          |          |                   |              |          |                                     |          |  |  |
|       | 130<br>131                             |          |          |          |                   |              |          |                                     |          |  |  |
|       | 131                                    |          |          |          |                   |              | L        |                                     |          | Ц  |  |
|       | 132                                    | L_       |          |          |                   | L            | <u> </u> |                                     |          | Щ  |  |
|       | 133                                    | <u> </u> |          |          |                   | <u> </u>     | _        | _                                   | L        | Ш  |  |
|       | 134                                    | $\vdash$ | <u> </u> |          | <u> </u>          | <u> </u>     | <u> </u> | $\vdash$                            | $\vdash$ | Н  |  |
|       | 135<br>136                             | $\vdash$ | <u> </u> |          | -                 | $\vdash$     |          |                                     | $\vdash$ | $\vdash \vdash$  |  |
|       | 137                                    | -        | _        | _        | ┝                 | $\vdash$     | ├-       | -                                   | H        | Н  |  |
|       | 138                                    | H        | $\vdash$ | _        | ├─                | -            | $\vdash$ | $\vdash$                            | ┝        | Н  |  |
|       | 138<br>139                             | -        | -        |          | $\vdash$          |              | ┢        |                                     |          | Н  |  |
|       | 140                                    | Н        |          | $\vdash$ |                   |              | $\vdash$ |                                     | $\vdash$ | Н  |  |
|       | 141                                    |          |          | $\vdash$ | $\vdash$          |              |          |                                     | $\Box$   | П  |  |
|       | 142                                    |          |          |          |                   |              |          |                                     |          | П  |  |
|       | 143                                    |          |          |          |                   |              |          |                                     |          |  |  |
|       | 144                                    |          |          |          |                   |              |          |                                     |          |  |  |
|       | 145                                    |          |          |          |                   |              |          |                                     |          |  |  |
|       | 146                                    |          |          |          | L                 | <u> </u>     | <u> </u> |                                     | L        | Ш  |  |
|       | 147                                    | <u> </u> | <u> </u> | _        | $ldsymbol{f eta}$ | <u> </u>     | <u> </u> | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u> | Ш  |  |
|       | 148                                    | _        | -        | <u> </u> | $\vdash$          | _            | -        | <u> </u>                            | <u> </u> | $\vdash \vdash$  |  |
|       | 149                                    | _        |          | _        |                   | <del> </del> |          | _                                   | ļ        | Н  |  |
|       | 150                                    | L        |          | <u> </u> |                   | 匚            | <u> </u> |                                     | L        | $oldsymbol{ol}}}}}}}}}}}}}}}}}}}}$ |  |